

# Joseph T. Vogel



**Title:** Boeing Phantom Works / Defense, Space & Security Director of Hypersonics X-51A Program Manager

### Summary Biography:

Joseph is currently Director of Hypersonics in Boeing Phantom Works / Defense Space & Security. He is the Boeing Program Manager responsible for the execution of the AFRLs X-51A Hypersonic Flight Vehicle Engine Test Program. In addition, he is responsible for leveraging the X-51 program through creation and execution of related air-breathing hypersonic capabilities strategies. Joseph is responsible for collaborating across the Boeing Enterprise in the development and execution of an integrated roadmap for the maturation of Hypersonics technology for all potential commercial, DOD, and civil applications.

Previous Boeing duties included his role as the Director of Space Shuttle Upgrades and leadership roles in the development of a Shuttle to Station Fuel Transfer System, Cockpit Avionics Upgrades, Shuttle Systems Integration and a Station to Shuttle Electrical Power Transmission System.

Past experience further includes 12 years working for the National Aeronautics and Space Administration in various capacities supporting the Space Shuttle and Space Station Programs development & operations.

Education: BSME, State University Fullerton, California  
MBA, University Of La Verne, California